



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: PCT/AU98/00099</p> <p>(22) International Filing Date: 18 February 1998 (18.02.98)</p> <p>(30) Priority Data: PO 5171 18 February 1997 (18.02.97) AU</p> <p>(71) Applicant (for all designated States except US): SAFETY EQUIPMENT AUSTRALIA PTY. LTD. [AU/AU]; North Shore Business Park, 35/1 Jubilee Avenue, Warriewood, NSW 2102 (AU).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): KLOCKSETH, Martinus, Oliver [SE/AU]; 90 Ashworth Avenue, Belrose, NSW 2085 (AU). JERVMO, Bengt, Yngve, Roland [SE/AU]; 40 James Sea Drive, Greenpoint, NSW 2251 (AU). BERNDTSSON, Goran, Bertil, Claes [AU/AU]; 19 Care Free Road, Elanora Heights, NSW 2101 (AU).</p> <p>(74) Agent: F.B. RICE &amp; CO.; 605 Darling Street, Balmain, NSW 2041 (AU).</p>		<p>(81) Designated States: AU, CA, FI, JP, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published With international search report.</p>

(54) Title: PRESSURE COMPENSATING VALVE

(57) Abstract

This invention relates to a pressure compensating valve and more particularly, but not exclusively, to a balanced pressure compensating valve, or regulator. The valve includes a chamber (6) for containing fluid, defined by a flexible barrier (2) trapped between first (3) and second (4) surfaces. A fluid inlet provides fluid to the interior of the chamber. A fluid outlet selectively allows fluid to pass out of the chamber. Movement of the first (3) and second (4) surfaces relative to each other causes change in contact between the flexible barrier and the first and second surfaces to selectively open the fluid outlet, in a first position, and occlude it between the flexible barrier and one of the surfaces, in a second position.

